



# **Washington State Emergency Management Hazards Technology Tools**

**State Agency Liaisons**

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# Hazards Technology Software

HAZUS (Earthquake)



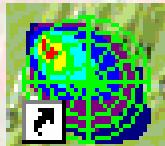
FEMIS (CSEPP)



ArcView (All Hazards)



D2-Puff (CSEPP)



MapPoint (All Hazards)

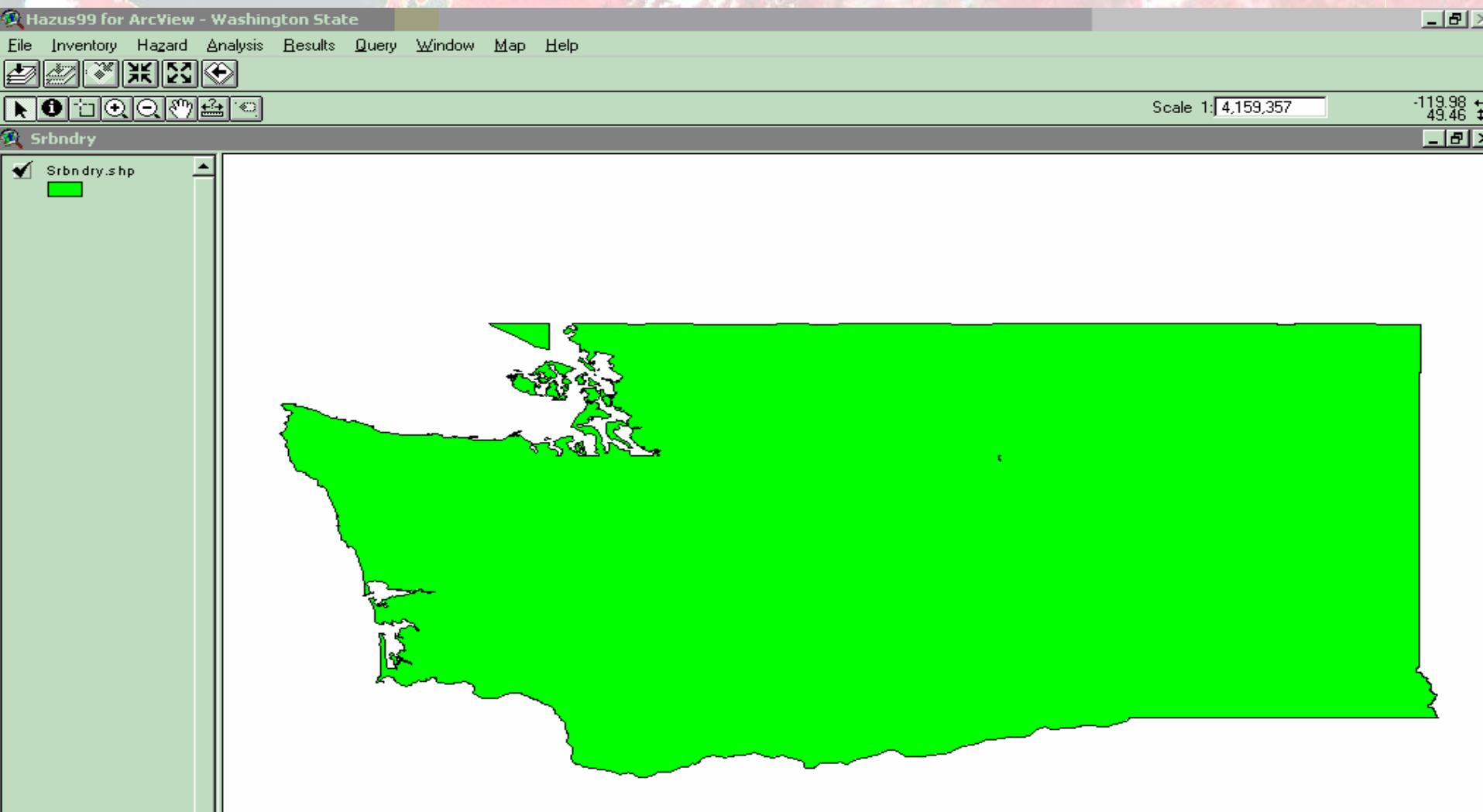


ArcExplorer (All Hazards)

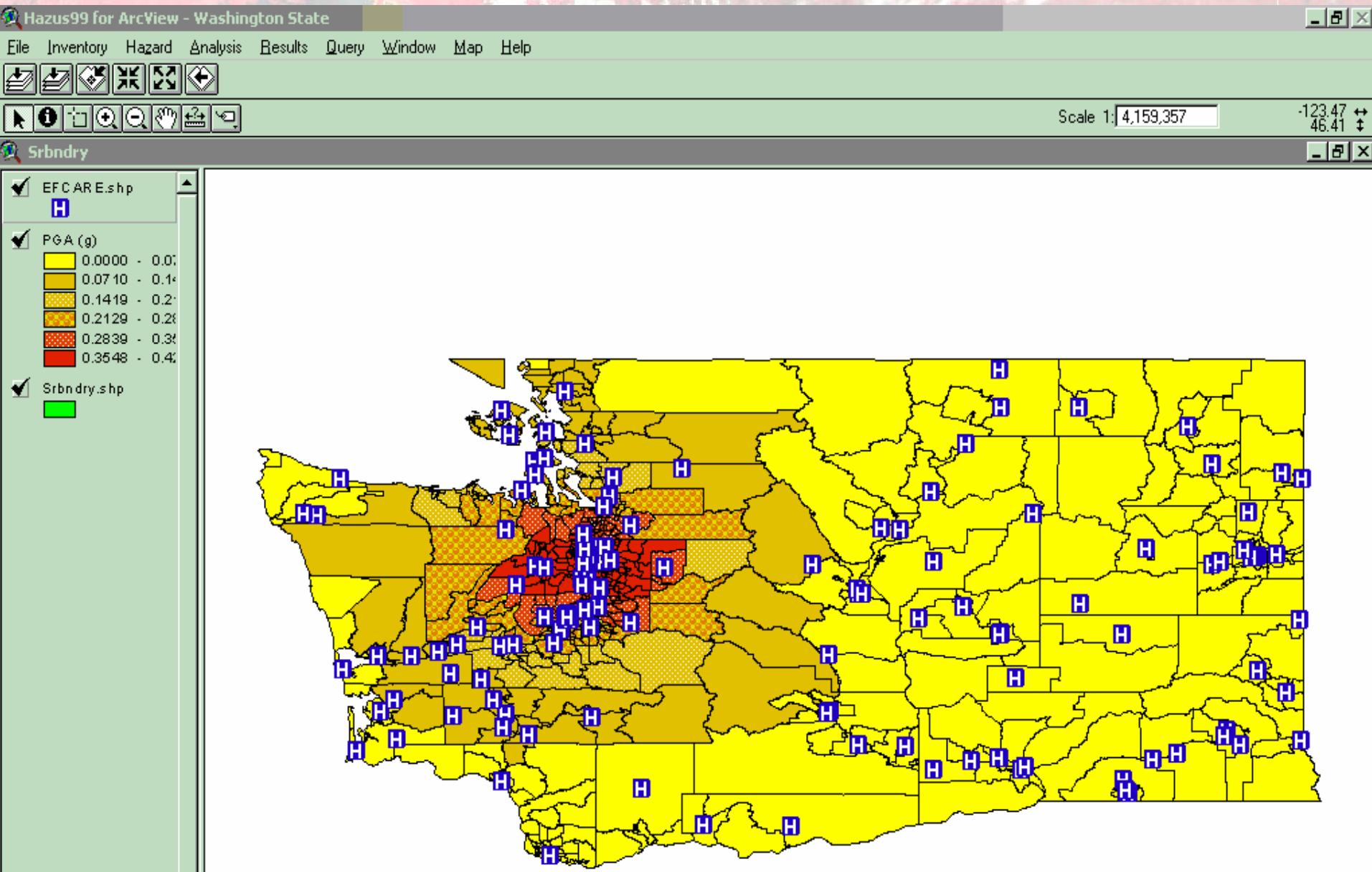


# HAZUS-99

## Hazards in the United States

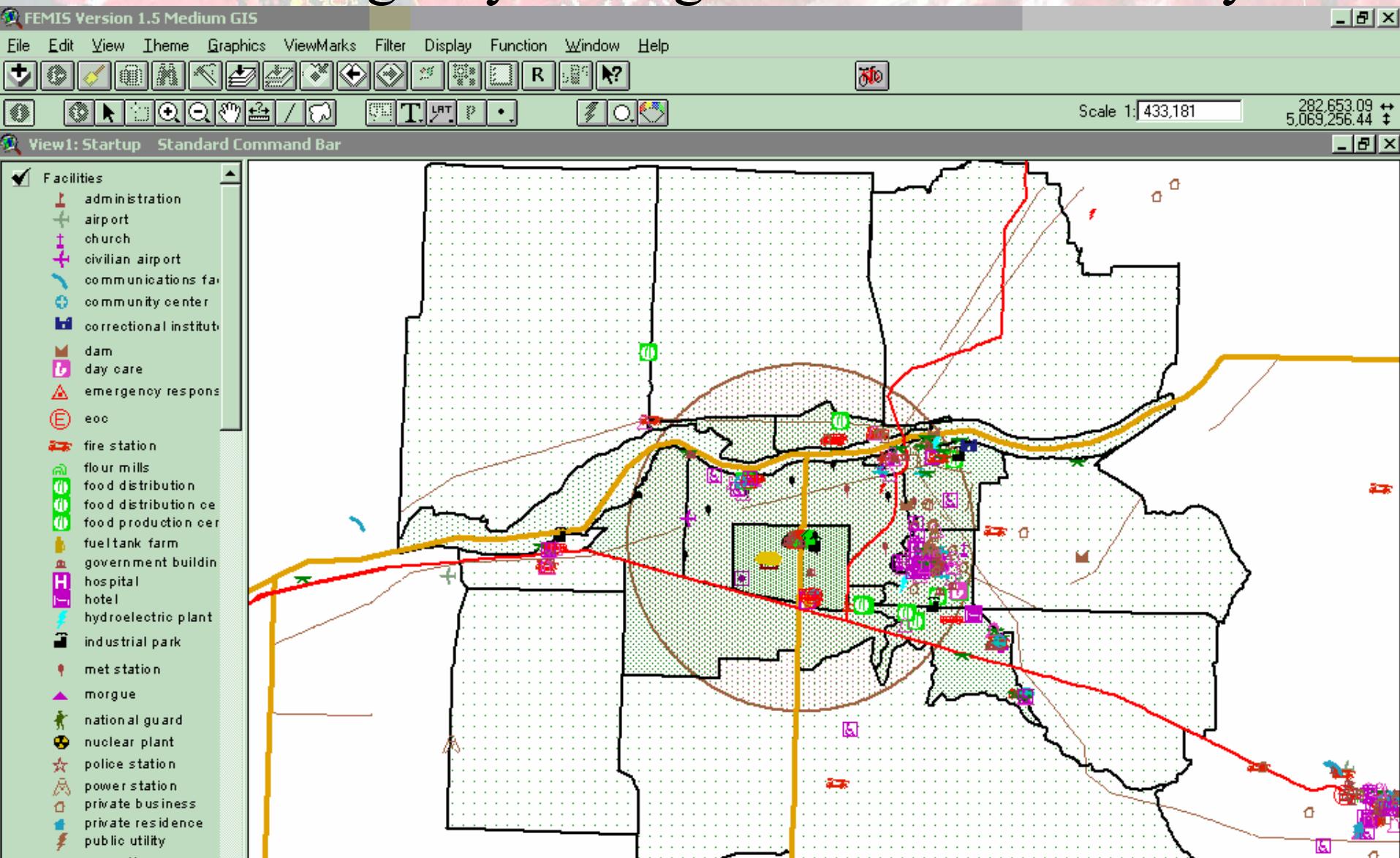


# HAZUS Modeling

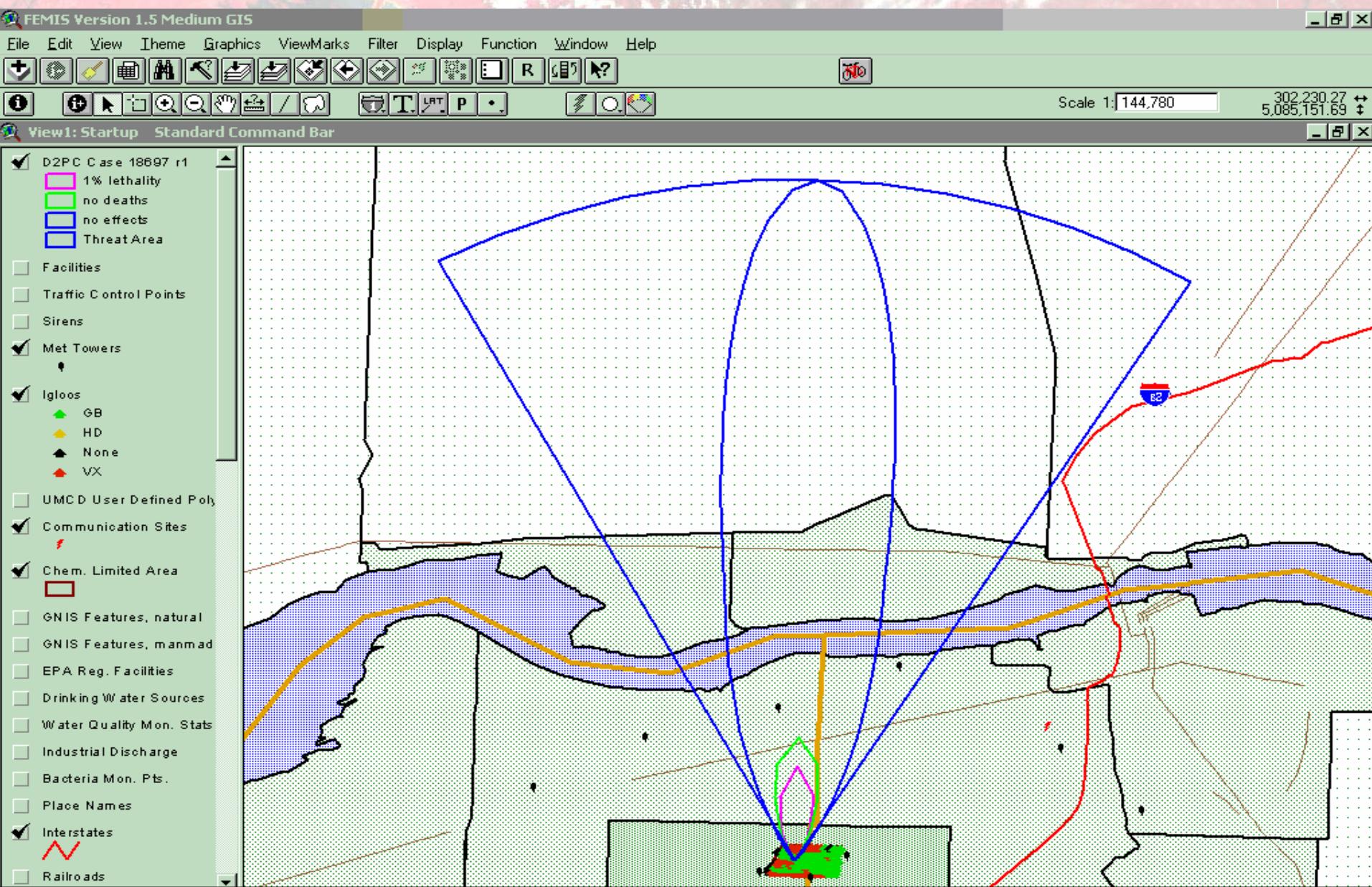


# FEMIS

## Federal Emergency Management Information System



# FEMIS Modeling



# D2-Puff

D2-Puff (Normal Operations) - [C:\Program Files\D2-Puff\Scenarios\Unnamed.pmi]

File MCE View GIS Output Scenario Tools Communication Configure Help



Lat = 45.6485 deg Lon = -119.6352 deg

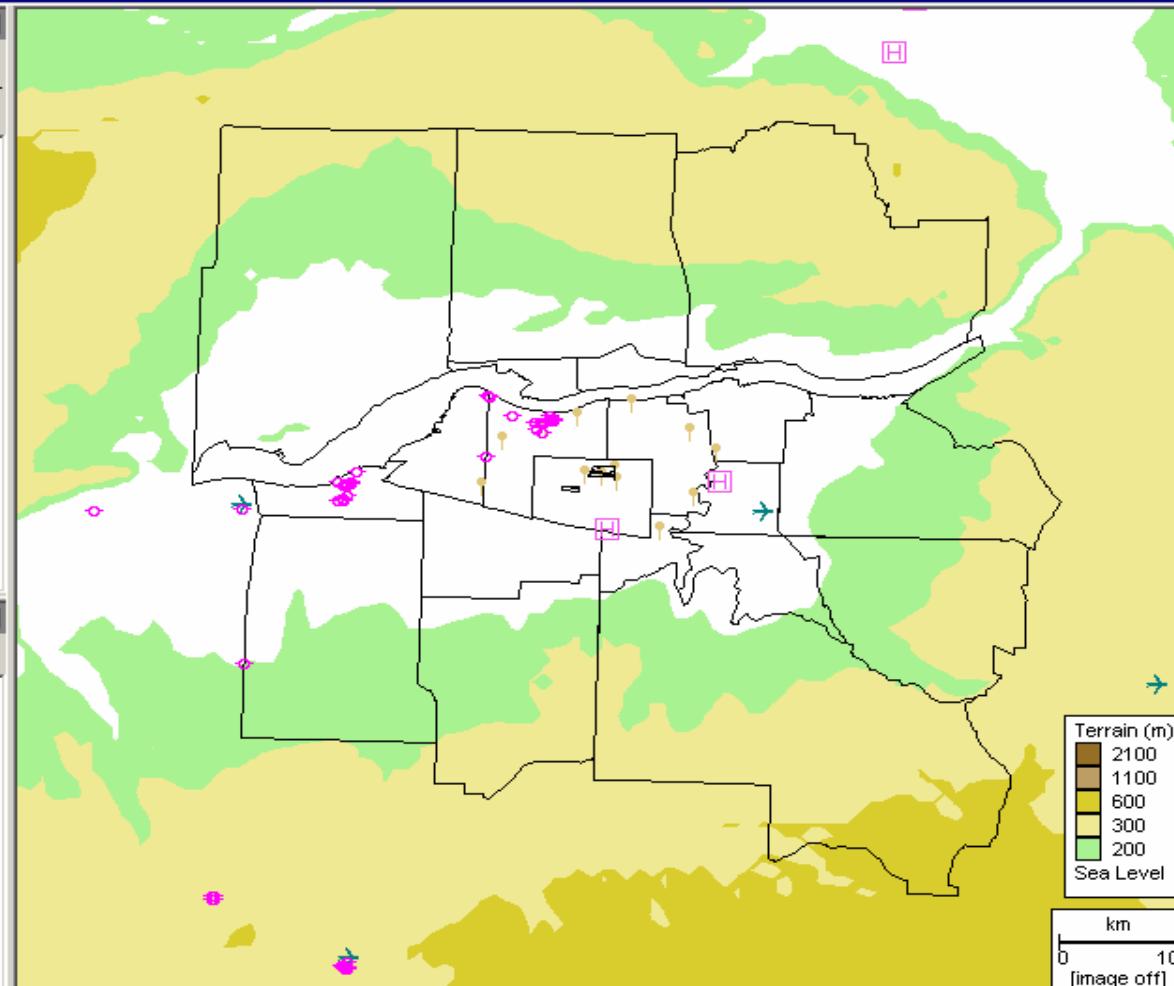
[ ] [ ] [ ]

Site

Source Term

MCE

Add... Edit... Delete



Map Layers

- Puff Model
- Receptors
- Met
- Zones
- Depot
- Emergency Management
- Facilities
- Population
- Transportation Layers
- Misc. Layers
- Background Images

Meteorology

Add... View... Delete

- 08/21/02 11:15 AM
- 08/21/02 02:00 PM
- 08/21/02 05:00 PM
- 08/21/02 08:00 PM

Layer Order

Run

Send Data

New Data

New Met

Auto Run  
 Auto Met

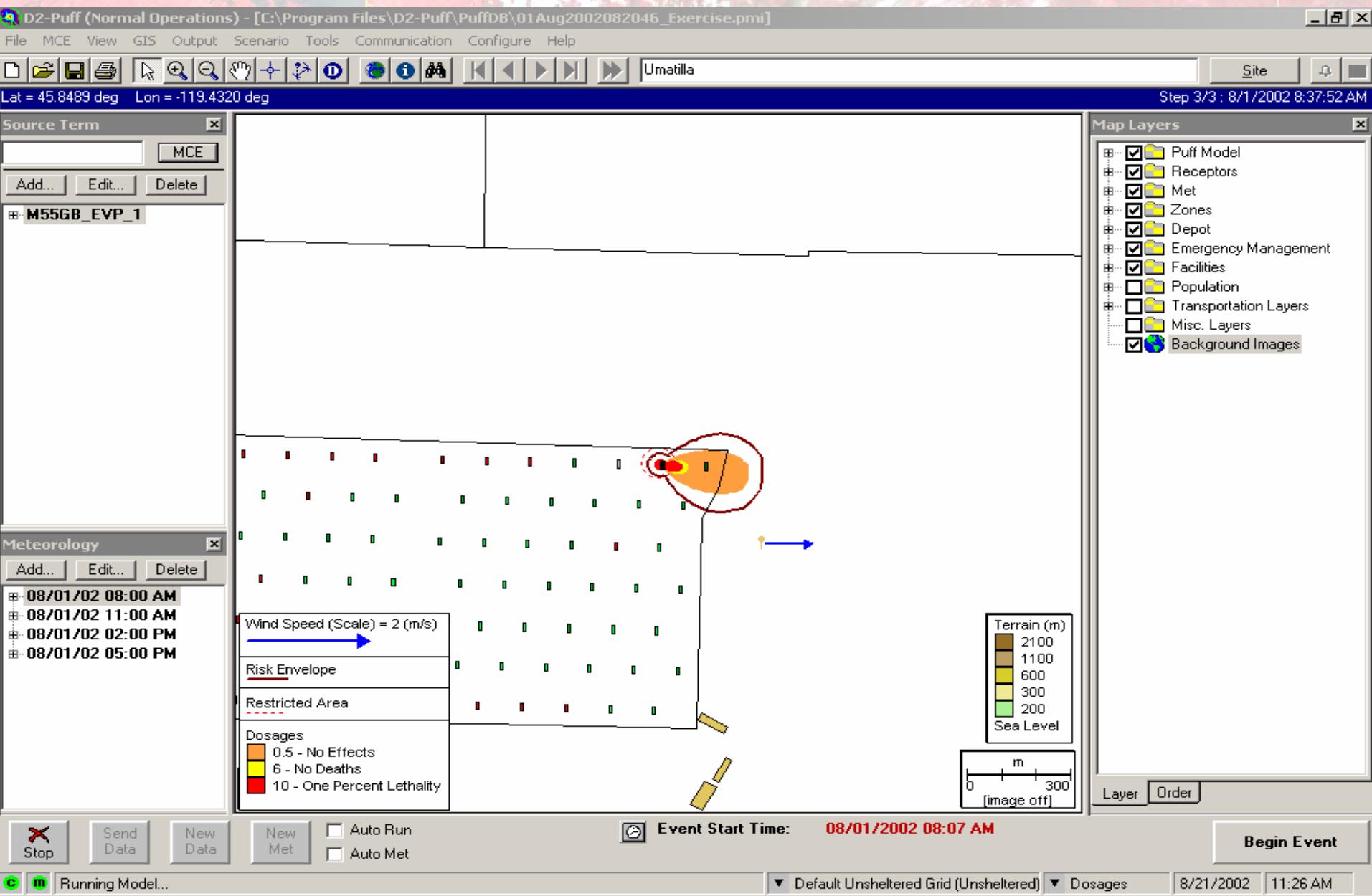
Event Start Time: No Event Specified

Begin Event

Default Unsheltered Grid (Unsheltered) Dosages

8/21/2002 11:23 AM

# D2-Puff Modeling



# MapPoint

Map - Microsoft MapPoint North America

File Edit View Data Route Tools Help

Type place or address Find Road Map

Legend and Over... X

North America United States Washington

0 mi 20 40 60 80

DAHO

CANADA

WASHINGTON

OREGON

PACIFIC OCEAN

Legend and Overlays

- Boundaries
- Transportation
  - Interstate...
  - Limited...
  - Other Hi...
  - Toll Road
  - Route Hi...
  - Road Co...
  - Road Cl...
  - Interstate...
  - U.S. Hig...
  - State Hi...
  - County ...
  - Trans-C...
  - Other C...
  - Mexican ...
  - Ferry
- Parks and Reser...

The map shows the state of Washington with its major cities and towns labeled. Key locations include Seattle, Bellevue, Tacoma, Olympia, Spokane, and Portland. Major roads such as Interstate 90, Interstate 5, and U.S. Route 101 are clearly marked. National forests like the North Cascades National Park, Mount Baker-Snoqualmie National Forest, Wenatchee National Forest, Mt. Rainier National Park, Gifford Pinchot National Forest, and Yakama Indian Reservation are also indicated. The Columbia River and the Pacific Ocean are visible to the west.

# MapPoint Map Analysis

Domestic Hooved Animal Locations.ptm - Microsoft MapPoint North America

File Edit View Data Route Tools Help

Type place or address Find Road and Data Map

Find Nearby Places

Show or Hide Places...  
48 places found

Domestic Hooved Animal Loc

- Richmond Dan (0 mi)
- Menda Valerie (2 mi)
- Feehan Polly (3 mi)
- Cool Rod (7 mi)
- Cheek Patti A (9 mi)
- Hussey Chuck (10 mi)
- Novak Charlie (11 mi)
- Novak Charlie (11 mi)
- Jameson Julia (12 mi)
- Jameson Julia (12 mi)
- Quincy Livestock Market
- Quincy Livestock Market
- Rankin Jeanette (15 mi)
- Gray Theresa (17 mi)
- Cool Rod (18 mi)
- Fleuty Steve (19 mi)
- Legacy Dairy (19 mi)
- Oxborough Robin M (19 mi)
- Sandberg Douglas (19 mi)
- Steele Brenda (19 mi)
- Paine Tawna (19 mi)
- Motzkus (19 mi)
- Motzkus Dennis (19 mi)
- Farley Cindy (19 mi)

Search: 25.0 miles Around: Point Sort: By distance

North America United States Washington Rock Island area

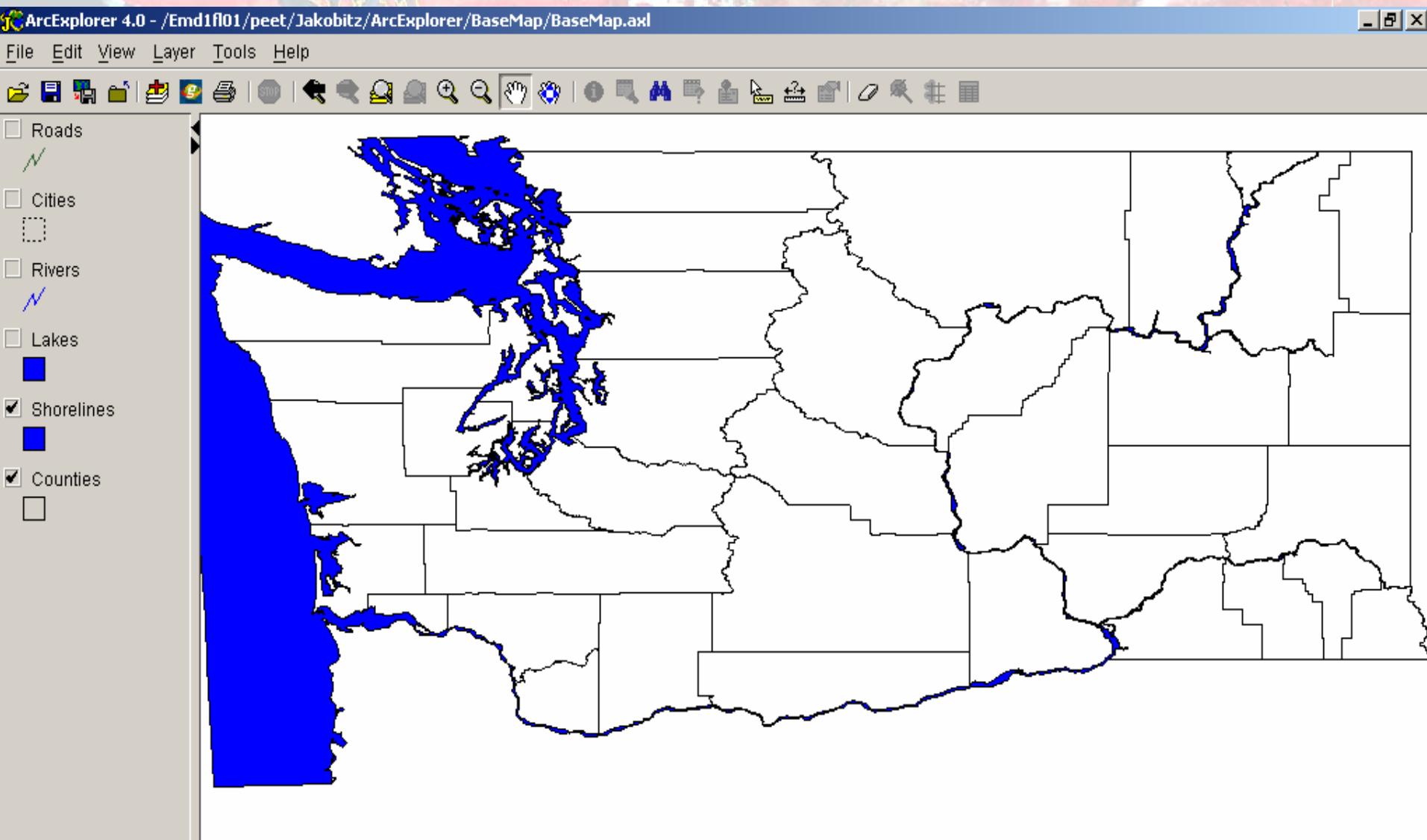
0 mi 5 10 15

Leavenworth Cashmere East Wenatchee Wenatchee Rock Island Malaga Cle Elum Yakima Waterville Lenore Lake Soap Lake Ephrata

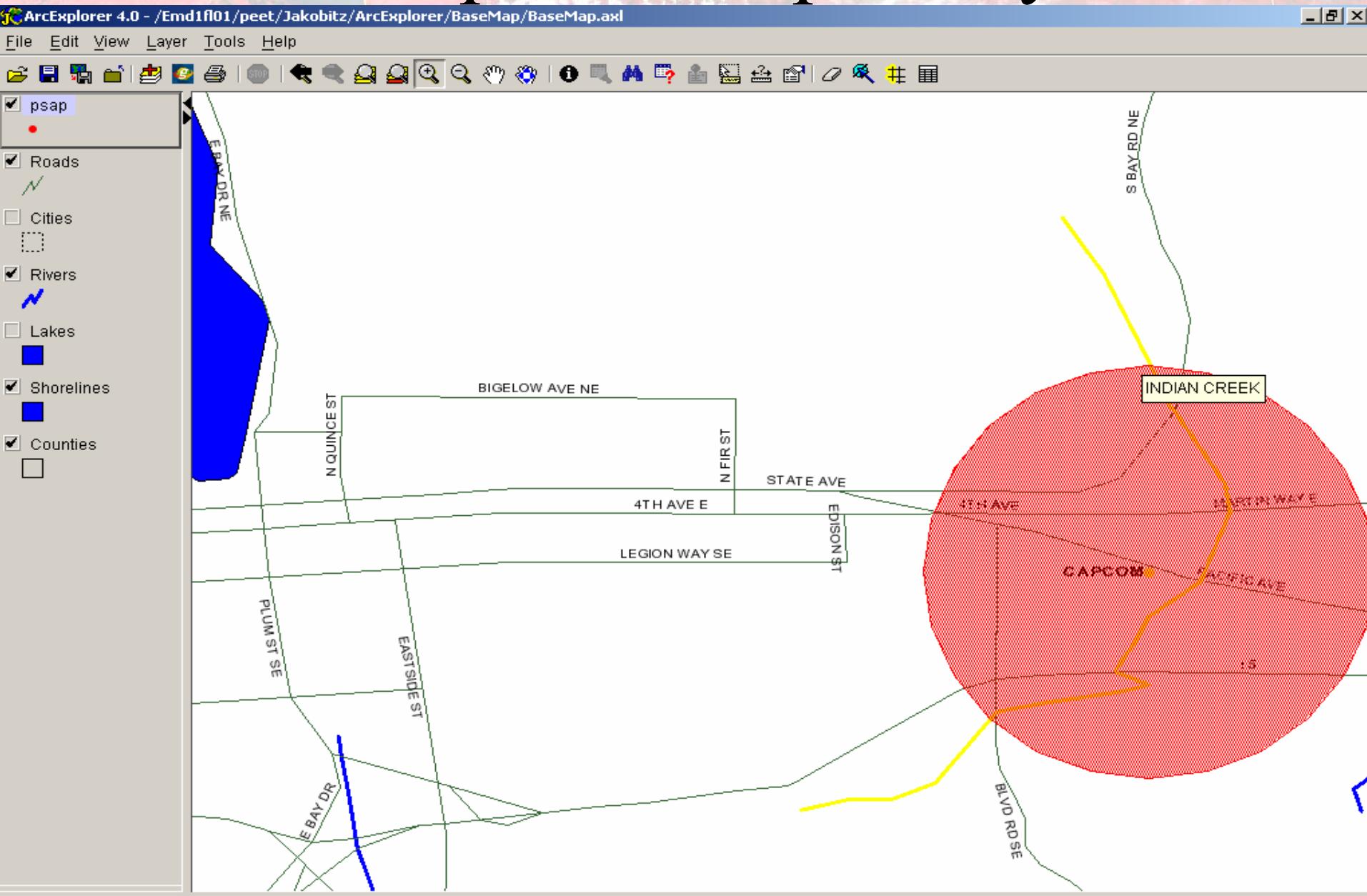
97 2 Alt 97 17 28 90 90

Richmond Dan  
3824 Bainard Rd  
Malaga, WA 98828  
**COUNTY: 007**  
**FEDS PREM\_ID: RICHMDAN**

# ArcExplorer



# ArcExplorer Map Analysis



# State Facility Database

Please help improve the georeferences

1. Good physical address
2. Good city/county/zip
3. Good occupancy

Provide updated information to:

Allen Jakobitz at **a.jakobitz@emd.wa.gov**